EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	93	(("(5579441") or ("5297150") or ("5455890") or ("5724486") or ("20040034848") or ("6473748") or ("20060167856") or ("5537590") or ("5805773") or ("20050246302") or ("5481647") or ("5701400") or ("5218669") or ("5179631") or ("5720006") or ("5737497") or ("5430828") or ("5845269") or ("20060031182") or ("6910028") or ("20030023573") or ("20030046665") or ("20050114308") or ("4918620") or ("5487135") or ("4830066") or ("6292830") or ("7020869") or ("20020120917") or ("20040083454") or ("20040162741") or ("20050102249") or ("20060129978") or ("4959799") or ("6222540") or ("6222540") or ("5758032") or ("5799184") or ("5815713") or ("6233537") or ("6341369") or ("6952690") or ("7124145") or ("20020116326") or ("20020138656") or ("20030016237") or (".20030079175") or ("20040194069") or ("20050038764") or ("20060106897") or (").pn.")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 13:38
S3	2	("7020869").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 16:01
S4	2	("20020120917").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 13:57

S5	94	(("6,314,415") or ("6,473,748") or ("5,886,693") or ("5,754,857") or ("6,453,356") or ("6,487,566") or ("6,275,848") or ("5,875,330") or ("5,915,115") or ("6,620,204") or ("6,484,149") or ("6,714,928") or ("6,115,686") or ("5,668,978") or ("5,418,957") or ("6,754,886") or ("6,662,164") or ("6,601,233") or ("6,775,658") or ("5,745,901") or ("6,751,657") or ("6,850,922") or ("6,609,128") or ("6,016,477") or ("6,341,369") or ("6,473,748") or ("6,532,465") or ("6,851,105") or ("6,389,588") or ("6,041,213") or ("6,041,312") or ("6,272,482") or ("5,918,210") or ("6,745,381") or ("6,532,465") or ("6,523,027") or ("6,744,761") or ("6,745,382") or ("6,775,658") or ("6,853,994") or ("6,456,986") or ("6,453,356") or ("6,148,290") or ("6,041,312") or ("5,870,719") or ("6,249,905") or ("6,389,588") or ("6,199,047") or ("6,810,429") or ("6,330,711") or ("6,067,531") or ("6,789,252")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:53
S6	68	S5 and rule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 14:53
S8	415	((inference or rule) adj engine or rule interpreter) and inference near process$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 16:03
S9	105	S8 and graph and logic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 16:06
S12	74	S8 and dependenc$3 and logic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 16:12

S14	9	S8 and dependenc$3 near3 rule and logic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 16:12
S16	146	rule adj set and "graph" and processing near3 logic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 16:39
S18	5	corticon.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 17:04
S19	12419	"717"/$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 16:40
S20	652	706/47-48.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 16:40
S21	13034	S19 or S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 16:40
S22	19	S21 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 16:40
S25	128	S16 and ("C++" or javascript or Java or python or "C#" or VB or Visual adj basic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 17:04

S27	17	S21 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/27 17:06
S29	12	(("6466999") or ("6496974") or ("6493871") or ("6449764") or ("6243766") or ("6216175")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 17:10
S30	1025	rule adj set and graph and logic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:40
S31	290	S30 and inferenc$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:18
S32	153	S31 and rule adj bas$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:19
S33	182	S31 and (rule adj bas$3 or knowledge adj bas$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:19
S34	95	S33 and expert adj system	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:20
S36	76	S34 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:23

S39	34	S30 and target adj3 (language or code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:42
S41	21	S39 and loop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:41
S43	2499	rule adj (set or based) and graph and logic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 11:03
S44	1070	S43 and loop	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:41
S45	700	S44 and engine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:41
S46	275	S45 and expert adj system	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:42
S47	15	S46 and target adj3 (language or code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 11:08
S49	683	(rule or fact or knowledge) adj bas$2 and (rule or inference) adj engine and rule adj set	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:52

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S50	170	S49 and graph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:52
S52	11	S49 and (single or multi) adj pass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 10:54
S53	91	S43 and target adj3 (language or code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 11:02
S54	74	rule adj set and dependen$3 adj graph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 11:04
S55	36	S54 and (rule or knowledge) adj based	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 11:07
S57	37	S54 and (rule or knowledge or fact) adj based	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 11:20
S60	30	S54 and (rule or knowledge or fact) adj base	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 11:20
S61	10	(("6532465") or ("6182054") or ("6199047") or ("5633998") or ("5923741")).PN. or (2001/00332207).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/30 14:24

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S68	11	(("6532465") or ("6182054") or ("6199047") or ("20010032207") or ("5633998") or ("5923741")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/30 15:26
S69	691	rule adj engine and rule adj set	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 15:28
S70	211	rule adj engine with rule adj set	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 15:28
S71	175	S70 and logic$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 15:29
S72	24	S71 and graph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 15:29
S74	2	rule adj set with logic$3 adj conflict	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 15:42
S75	2	rule adj set with (logic$3 near3 conflict)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 15:44
S76	1388	rule adj bas$2 with expert adj system	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 16:30

S77	273	S76 and rule adj set	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 15:45
S78	218	S77 and logic$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 15:46
S79	75	S78 and graph	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 15:46
S83	40	S76 and ((process$3 or execut$3) adj logic$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/10/30 16:32

Publications of Edward A. Luke

Refereed Journal Publications

- Y. Zhang and **E. Luke**, "Dynamic Memory Management in the Loci Framework," *Parallel and Distributed Computing Practices* , Volume 7, Number 3, September, 2006
- Q. Liu, **E. Luke** , and P. Cinnella, "Coupling Heat Transfer and Fluid Flow Solvers for Multi-Disciplinary Simulations," *AIAA Journal of Thermophysics and Heat Transfer*, Vol. 19, No. 4, Oct.-Dec. 2005, pp 417-427
- **E. Luke** and T. George, "Loci: A Rule-Based Framework for Parallel Multidisciplinary Simulation Synthesis," *Journal of Functional Programming*, Special Issue on Functional Approaches to High-Performance Parallel Programming, Volume 15, Issue 03, 2005, pp. 477-502, Cambridge University Press
- X-L. Tong and **E. Luke**, "Turbulence Models and Heat Transfer in Nozzle Flows," *AIAA Journal*, Volume 42, Number 11, November 2004, pp. 2391-2393
- J. Wu, L. Tang, **E. Luke**, X-L. Tong, and P. Cinnella, "Comprehensive Numerical Study of Jet-Flow Impingement over Flat Plates," *Journal of Spacecraft and Rockets*, Volume 35, Number 1, pages 357-366, May-June, 2002
- **E. Luke**, I. Banicescu, and J. Lin, "The Optimal Effectiveness Metric for Parallel Application Analysis," *Information Processing Letters*, Volume 66, Number 5, 1998, pp. 223-229

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- Y. Zhang and **E. Luke**, "Dynamic Memory Management in the Loci Framework," Second International Workshop on Practical Aspects of High-level Parallel Programming (PAPP 2005), part of *The International Conference on Computational Science*, May 22-25, 2005 Atlanta, GA,
- P. Chew, N. Chrisochoides, S. Gopalsamy, G. Heber, T. Ingraffea, **E. Luke**, J. Neto, K. Pingali, A.Shih, B. Soni, P. Stodghill, D. Thompson, S. Vavasis, and P. Wawrzynek. "Computational Science Simulations based on Web Services". Workshop on Dynamic Data-Driven Application Systems, *International Conference on Computational Science* 2003. June, 2003
- **E. Luke**, "Loci: A Deductive Framework for Graph-Based Algorithms," Third International Symposium on Computing in Object-Oriented Parallel Environments (ISCOPE), December 1999, *Lecture Notes in Computer Science*, Springer-Verlag, Number 1732, pp. 142-153, Editors: S. Matsuoka, R. Oldehoeft, and M. Tholburn

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- **E. Luke**, S. Thakur, D. Thompson, J. Wright, W. Shyy, "Recent Progress Towards a Rule-Based Computational Tool for Liquid Rocket Combustion," *42nd AIAA/ASME/SAE/ASEE Joint Propulsion Conference and Exhibit*, Sacramento, California, July 9-12, 2006, AIAA Paper #2006-5043
- P. Cinnella, **E. Luke**, and X.L. Tong, "A Thermodynamic Model for Chemically Reacting, Two-Phase Fluids," *44th Aerospaces Sciences Meeting*, January 9-12, 2006, Reno, NV, AIAA Paper #2006-1291
- **E. Luke**, P. Cinnella, and X.L. Tong, "Numerical Simulations of Fluids with a General Equation of State," *44th Aerospaces Sciences Meeting*, January 9-12, 2006, Reno, NV, AIAA Paper #2006-1295
- **E. Luke** and L. Tang, "A CFD Benchmark Study for RBCC Ejector Mode Operation," *41st AIAA/ASM/SAE/ASEE Joint Propulsion Conference and Exhibit*, Tuscon, Arizona, July 10-13, 2005, AIAA Paper #2005-4425
- S. Chalasani, **E. Luke**, V. Senguttuvan, and D. Thompson, "Assessing Generalized Mesh Quality via CFD Solution Validation," *43rd AIAA Aerospace Sciences Meeting and Exhibit*, January 10-13, 2005, Reno, NV, AIAA Paper #2005-0687
- S. Hebert and **E. Luke**, "Honey, I Shrunk the Grids! A New Approach to CFD Verification Studies," *43rd AIAA Aerospace Sciences Meeting and Exhibit*, January 10-13, 2005, Reno, NV, AIAA Paper #2005-0685
- X-L. Tong and **E. Luke**, "Eulerian Simulations of Icing Collection Efficiency Using a Singularity Diffusion Model," *43rd AIAA Aerospace Sciences Meeting and Exhibit*, January 10-13, 2005, Reno, NV, AIAA Paper #2005-01246
- V. Senguttuvan, S. Chalasani, **E. Luke**, and D. Thompson, "Adaptive Mesh Refinement using General Elements," *43rd AIAA Aerospace Sciences Meeting and Exhibit*, January 10-13, 2005, Reno, NV, AIAA Paper

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- B. Soni, G. Cheng, R. Koomullil, A. Shih, **E. Luke**, and D. Thompson, "Enabling Technologies for Complex CFD Applications," *40th AIAA Joint Propulsion Conference and Exhibit*, July 11-14, 2004, Fort Lauderdale, FL, AIAA Paper #2004-3987
- Q. Liu, **E. Luke**, P. Cinnella, and L. Tang, "Coupling Heat Transfer and Fluid Flow Solvers for Multi-Disciplinary Simulations," *42nd AIAA Aerospace Sciences Meeting and Exhibit*, January 2004, AIAA Paper #2004-0769
- X-L. Tong, **E. Luke**, and L. Tang, "Evaluations of the Shear-Stress Transport Turbulence Model for Heat Transfer Applications," *41st AIAA Aerospace Sciences Meeting and Exhibit*, January 6-9th, 2003, Reno, NV, AIAA Paper #2003-0769
- J. Wu, L. Tang, **E. Luke**, "A Low Mach Number Preconditioning Scheme of the Reactive Roe Flux," *41st AIAA Aerospace Sciences Meeting and Exhibit*, January 6-9th, 2003, Reno, NV, AIAA Paper #2003-0307
- **E. Luke**, X-L. Tong, and L. Tang, "The Loci Multidisciplinary Simulation System Overview and Status", 38th JANNAF Combustion Subcomittee, April 2002, CPIA CDROM
- J. Wu, L. Tang, **E. Luke**, X-L. Tong, and P. Cinnella, "A Comprehensive Numerical Study of Jet Flow Impingement over Flat Plates at Varied Angles," *39th AIAA Aerospace Sciences Meeting and Exhibit*, January 8-11, 2001, Reno, NV, AIAA Paper #2001-0745
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- **E. Luke** "Innovative Data-Structures for Finite-Volume Discretizations of Generalized Grids," *Proceedings of the 20th Southeastern Conference on Theoretical and Applied Mechanics (SECTAM-XX)*, April 16th, 2000, ISBN-0-615-11107-6, CD-ROM

Technical Reports

- **E. Luke**, R. Koomullil, and B. Soni, "An Integrated Multidisciplianry Simulation Environment for Analysis and Testing of RBCC Systems," Final Report for NASA grant NAS13-98033, Delivery Order #161,June 30, 2003
- **E. Luke**, " A Rule-Based Specification System for Computational Fluid Dynamics," Ph.D. Dissertation, Mississippi State University, December, 1999

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J Appel, AG Godfrey, MD Gunzburger, EM Cliff - Proceedings 1995 ASME Mechanical Engineering Congress And ... - citeseer.ist.psu.edu
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... the process with the **specification** of a ... Control **system** definitions can now proceed depending ... a thermally coupled **computational fluid dynamics** (CFD) simulation ...
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